

## REMARKS

Applicants' Attorney has requested that the drawings be revised to correct various minor self-evident errors and to make the drawings consistent with the specification and with one another.

More particularly, Applicants' Attorney has requested that block 104 in Fig. 1 be labeled "Transmission Channel" since item 104 in the specification is a transmission channel.

Applicants' Attorney has requested that reference symbols "104-1", "104-2", "104-j", and "104-N" in Fig. 5A be respectively changed to "103-1", "103-2", "103-j", and "103-N" to conform with the description at page 19, lines 2 and 3, of the specification that "Signals from wire 103-j,  $x_{kj}$ , are received by filter digitizer 502-j". In the substitute specification, this sentence appears in paragraph 0073 and has been clarified to recite that "Signal  $x_{kj}$  from wire 103-j is received by filter/digitizer 502-j".

Applicants' Attorney has requested that the curly brackets in Figs. 5A and 5B be deleted to conform with the reference-symbol notation employed for signals elsewhere in the drawings. In this regard, a reference symbol enclosed by curly brackets represents a sequence of values of a signal represented by that reference symbol. Since all of the signals described in the specification are inevitably sequences of values, the deletion of the curly brackets makes it easier to identify each individual signal without losing any information content.

In Fig. 6, Applicants' Attorney has requested that reference symbol " $C_M$ " for the line going horizontally to the adder located near the right-hand side of block 600 be changed to " $C_R$ " since designator/subscript "R" applies to that adder.

Applicants' Attorney has requested that reference symbols "104-1", "104-2", "104-3", and "104-4" for the lines that extend respectively to blocks 600-1, 600-2, 600-3, and 600-4 in Fig. 7 be deleted since (a) reference symbols "104-1" - "104-4" identify transmission channels, (b) transmission channels 104-1 - 104-4 end at the input section of a receiver, and (c) blocks 600-1 - 600-4 are internal to the receiver portion illustrated in Fig. 7 as indicated in the specification at page 25, lines 4 - 8, corresponding to the first sentence of paragraph 0094 in the substitute specification. Applicants' Attorney has further requested that a minus sign be added immediately to the left of each of circles 701-2, 701-3, and 701-4 in Fig. 7 in

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conformity with Eq. 8, page 25, of the specification and consistent with the minus sign situated immediately to the left of circle 701-1 in Fig. 7.

Applicants' Attorney has requested that the dashed-line segments connecting blocks 810 and 811 in Fig. 8 be deleted to clarify the limits of blocks 810 and 811.

Applicants' Attorney has requested that reference symbols "104-1", "104-2", "104-3", and "104-4" for the lines that extend respectively to blocks 810-1, 810-2, 810-3, and 810-4 in Fig. 9 be deleted since (a) reference symbols "104-1" - "104-4" again identify transmission channels, (b) transmission channels 104-1 - 104-4 again end at the input portion of a receiver, and (c) blocks 810-1 - 810-4 in Fig. 9 are internal to the receiver as indicated in the specification parenthetically at page 29, lines 26 - 29, corresponding to the first sentence of paragraph 0108 in the substitute specification. Applicants' Attorney has further requested that the label "Taps" for each of blocks 810-1, 810-2, 810-3, 810-4, 811-1, 811-2, 811-3, and 811-4 in Fig. 9 be changed to "Tap" since each of blocks 810-1 - 810-4 and 811-1 - 811-4 is illustrated as producing a single output signal in response to a single input signal.

Applicants' Attorney has requested that the reference symbols "1", "2", "3", and "4" for detectors 1001-1, 1001-2, 1001-3, and 1001-4 in Fig. 10 be deleted since those detectors are not respectively identified as detectors "1", "2", "3", and "4" in the specification.

Applicants' Attorney has requested that the labels for blocks 1101, 1102, and 1105 in Fig. 11A, the labels for blocks 1501-1, 1501-2, 1501-3, 1501-4, and 1504 in Fig. 15, the label for block 1603-w in Fig. 16, the label for block 2003 in Fig. 20A, and the label for block 2100 in Fig. 20B be revised to conform with how the items corresponding to those blocks are described in the specification. Applicants' Attorney has also requested that the label "Starting Point" for block for 2007 in Fig. 20A be changed to "Starting Point Determiner" to conform with how blocks 1306, 1406-w, and 1605-w in respective Figs. 13, 14, and 16 are labeled "Starting Point Determiner".

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Respectfully submitted,

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DRAWING SHEET, WITH RED ANNOTATIONS  
TO INDICATE REVISIONS,  
OF U.S. PATENT APPLICATION 09/560,109  
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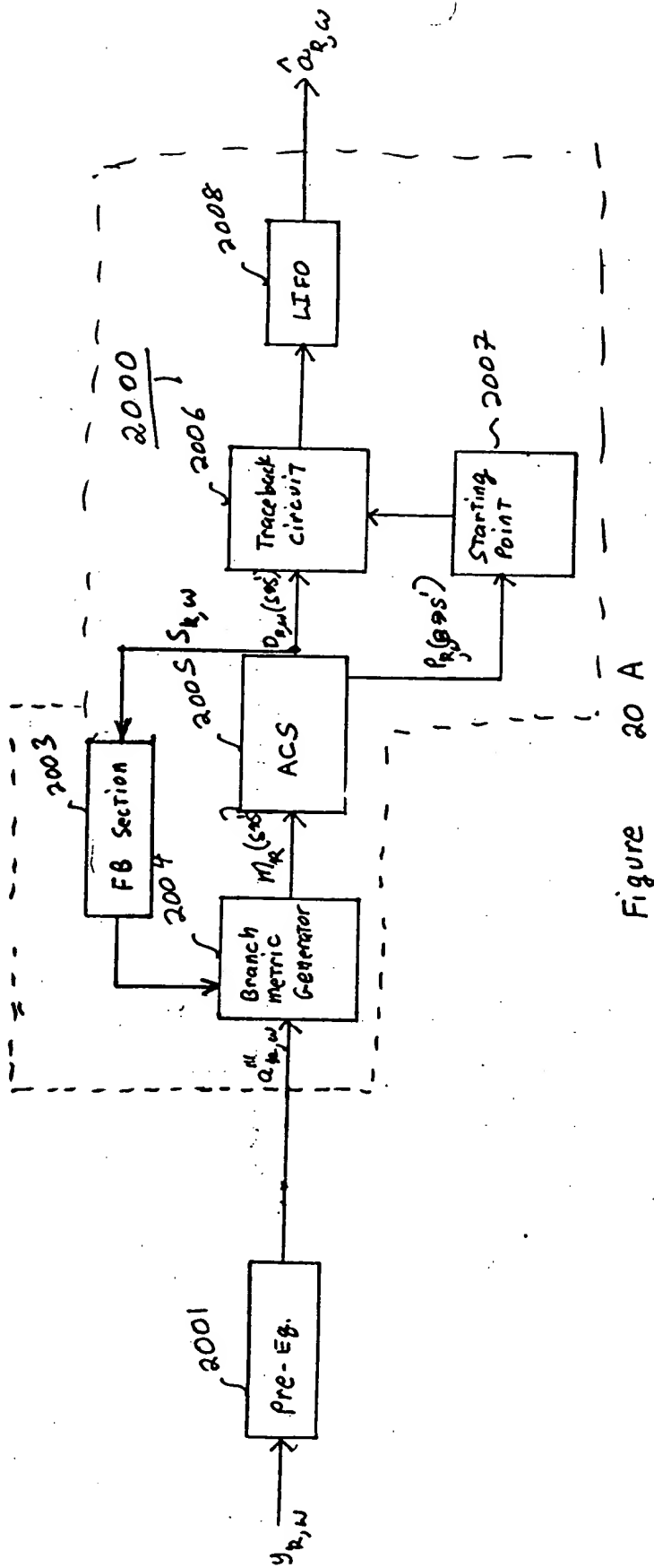


Figure 20 A

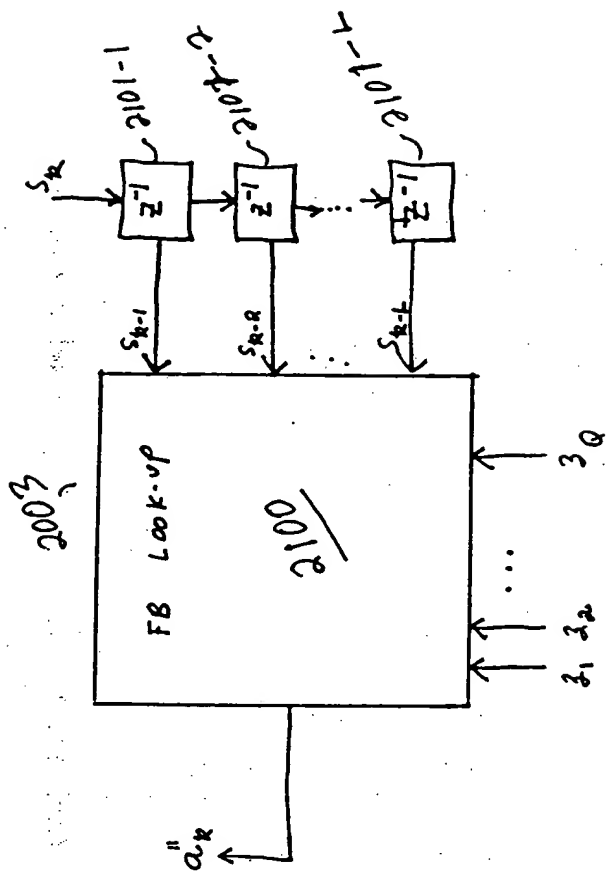


Figure 20 B